

# Raphael Khaykin

Brooklyn, New York | raphaelkhaykin@gmail.com | [LinkedIn](#) | [GitHub](#) | 347-939-8022

## EDUCATION

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### **Stony Brook University**

*Bachelor of Science in Information Systems*

Specialization in Financial Information Systems

GPA: 3.61

Dean's List: Fall 2019, Spring 2020, Fall 2020, Spring 2021

**Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Computer Networks, Database Design, Computer Security, Discrete Mathematics

### **LaGuardia High School**

*Fine arts major*

GPA: 4.0

Stony Brook, NY

*Aug. 2019 – Expected May 2023*

Manhattan, NY

*Sep. 2015 – June 2019*

## EXPERIENCE

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### **Front-End Developer**

*IvyScope*

Sep. 2021 – Present

*New York City, NY*

- Currently working for a startup that allows students to schedule and host college tours online
- Developed the company's website user interface using React and Material UI

## PROJECTS

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### **Stock Portfolio Visualizer** | *JavaScript, D3.js, HTML, CSS*

- Developed a website application to create and backtest stock portfolios.
- Users can customize a portfolio and chart its historical performance.
- This tool provides key performance statistics such as historical return, max drawdown, and percent allocation.

### **Stock Data GUI for TD Ameritrade** | *Python*

- Built a graphical user interface to display live stock data.
- Utilizes TD Ameritrade's API to stream level one data and asynchronously update the GUI.

### **Computer Networks DNS Resolver** | *Python*

- Created a python software that emulates DNS query resolution.

### **Organ Donor Matching System** | *Java*

- Wrote a command line interface for matching organ donors with potential transplant recipients. Donors and recipients are matched based on compatible blood types.

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, HTML/CSS

**Frameworks/Technologies:** React, React Native, AWS, Git/GitHub, Jenkins

## ADDITIONAL INFORMATION

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### **AWS Certified Cloud Practitioner**

**Languages:** English, Russian